

**METHOD FOR DECODING QUANTIZATION COEFFICIENT FOR EACH SUB-BAND USING COMPRESSED TABLE****Publication number:** JP11143497**Publication date:** 1999-05-28**Inventor:** BETTO RASSHERU**Applicant:** MATSUSHITA ELECTRIC IND CO LTD**Classification:**

- international: G10L19/02; H03M7/30; H04B1/66; G10L19/00; H03M7/30; H04B1/66; (IPC1-7): G10L7/04; H03M7/30

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EP0918400 (A2)

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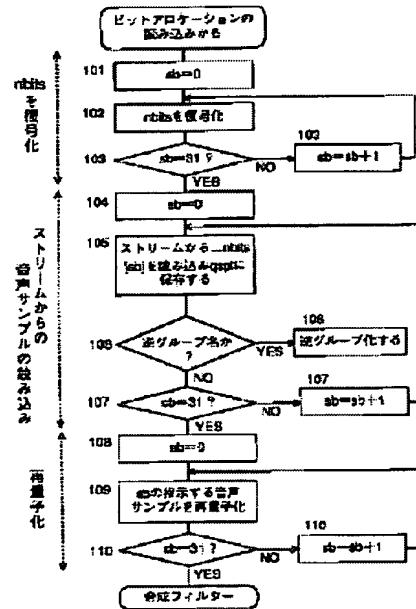
EP0918400 (A3)

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**PROBLEM TO BE SOLVED:** To provide an efficient compressing method capable of extending in the minimum time by coding the quantization table of each original sub-band into one element including multiple data pairs, respectively. **SOLUTION:** A quantization table compressed for each sample is used to store nbits in an array nbits indexed by a pointer sb (step 102). After nbits are decoded for each sub-band, the sub-band pointer sb inspects whether all sub-bands are decoded or not (step 103). After nbits are read in, if the value is larger than 16, the sample read from a stream is inversely grouped (step 106). After the quantized voice sample is read in and stored, this voice sample is inversely quantized (step 109). The pointer sb is used for this process (step 110).



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